

<p>1999-388270/33      A96 F04 (A14 A32 A83)      NISY 1997.11.07  NIPPON SYNTHETIC CHEM IND CO      *JP 11140759-A  1997.11.07 1997-322311(+1997JP-322311) (1999.05.25) D04H 1/54,  1/72  <b>Hot water-soluble nonwoven fabric production - by melt spinning  composition containing PVA resin and plasticiser to give filaments,  spraying at nonwoven sheet-forming surface using suction jet and  bonding</b>  <b>C1999-114482</b></p>	<p>A(10-E9B, 11-B15B, 11-C5A, 12-S5G) F(1-C8B, 1-D8, 2-C2)</p> <p><u>ADVANTAGE</u>  The spent hot water-soluble nonwoven fabric is dissolved in hot water and allows sterilization. The result disposes the hot water-soluble nonwoven fabric without evolving environmental problems. The hot water-soluble nonwoven fabric has sufficient water resistance to water having body temp., or temps. below the body temp., including blood.  (5pp215DwgNo.0/0)</p>
<p>The prodn. comprises:  (a) melt spinning a compsn. of a polyvinyl alcohol-based resin and a plasticizer from nozzle holes to obtain a filament group;  (b) taking over the filament group by means of suction jet;  (c) spraying the filament group at a nonwoven sheet-forming surface by means of injection air flow to form a web; and  (d) applying bonding treatment to the web.</p> <p><u>USE</u>  The process produces a hot water-soluble nonwoven fabric used in a scrub suit.</p>	<p>JP 11140759-A</p>